

B-500 SERIES



**A perfect mix of performance
and ease of use**

B-500 SERIES - Technical specifications

Model	Optical System	Head	Eyepieces	Objectives	Revolver	Stage	Focusing	Condenser	Illuminator
B-500Bsp	InfiniFix	Binocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	S-plan Achromatic 4x, 10x, 40x, 100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	Swing-out 1.2 N.A., centrable	High efficiency Halogen 20W dichroic bulb
B-500Tsp	InfiniFix	Trinocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	S-plan Achromatic 4x, 10x, 40x, 100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	Swing-out 1.2 N.A., centrable	High efficiency Halogen 20W dichroic bulb
B-500Bpl	InfiniFix	Binocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	Plan Achromatic 4x, 10x, 40x, 100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	Swing-out 1.2 N.A., centrable	OPTIKA X-LED™ illuminator
B-500Tpl	InfiniFix	Trinocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	Plan Achromatic 4x, 10x, 40x, 100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	Swing-out 1.2 N.A., centrable	OPTIKA X-LED™ illuminator
B-500Bi	IOS	Binocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	Infinity Plan Achro 4x, 10x, 40x, 100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	Swing-out 0.90 N.A., centrable	OPTIKA X-LED™ illuminator
B-500Ti	IOS	Trinocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	Infinity Plan Achro 4x, 10x, 40x, 100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	Swing-out 0.90 N.A., centrable	OPTIKA X-LED™ illuminator
B-500ERGO	InfiniFix	30°-60° ergonomical bino head 360° rotating	Wide Field 10X / 22 mm	Plan Achromatic 4x, 10x, 40x, 100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	Swing-out 1.2 N.A., centrable	OPTIKA X-LED™ illuminator
B-500iERGO	IOS	30°-60° ergonomical bino head 360° rotating	Wide Field 10X / 22 mm	Infinity Plan Achro 4x, 10x, 40x, 100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	Swing-out 0.90 N.A., centrable	OPTIKA X-LED™ illuminator
B-500BPh	InfiniFix	Binocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	Plan Achromatic for phase contrast 10x, 20x, 40 ,100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	1.25 N.A. Abbe type, with cen- tring system, disc condenser for phase contrast	OPTIKA X-LED™ illuminator
B-500TPh	InfiniFix	Trinocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	Plan Achromatic for phase contrast 10x, 20x, 40 ,100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	1.25 N.A. Abbe type, with cen- tring system, disc condenser for phase contrast	OPTIKA X-LED™ illuminator
B-500BiPh	IOS	Binocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	Infinity Plan Achro for phase contrast 10x, 20x, 40 ,100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	1.25 N.A. Abbe type, with cen- tring system, disc condenser for phase contrast	OPTIKA X-LED™ illuminator
B-500TiPh	IOS	Trinocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	Infinity Plan Achro for phase contrast 10x, 20x, 40 ,100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	1.25 N.A. Abbe type, with cen- tring system, disc condenser for phase contrast	OPTIKA X-LED™ illuminator
B-500Ti-5	IOS	Main Head: trino 360°/30° Discussion heads: bino 360°/30°	Main head: WF10X/22mm Discussion heads: WF10x/20mm	Infinity Plan Achro 4x, 10x, 40x, 100x (oil immersion)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	Swing-out 0.90 N.A., centrable	OPTIKA X-LED™ illuminator. Discussion laser pointer under the head
B-500TDK	InfiniFix	Trinocular 360° rotating 30° inclined	Wide Field 10X / 22 mm	Plan Achromatic 4x, 10x, 40x. Special PL100x im- mersion darkfield objective (with iris diaphragm)	Quintuple reversed	2-layer with mechanical sliding stage, 175x145 mm	Coaxial coarse and fine control knobs	Swing-out 1.2 N.A. , centrable. Additional im- mersion N.A. 1.36 darkfield condenser	OPTIKA X-LED™ illuminator

A complete range of instruments

B-500 SERIES - Components scheme

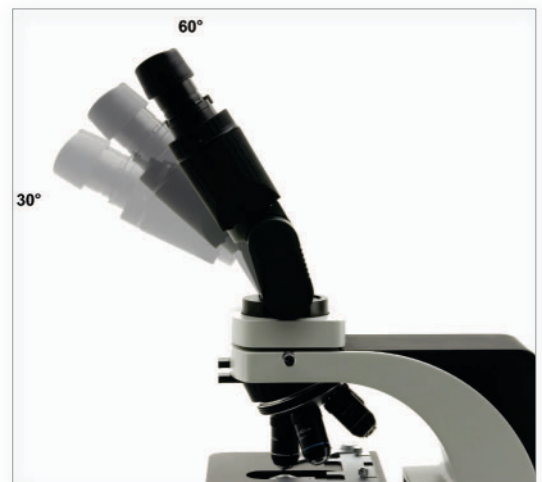
The B-500 series can be equipped with accessories such as phase contrast, polarizing set, photo or video adapter, dark field condenser and eyepieces.



B-500 SERIES - Models

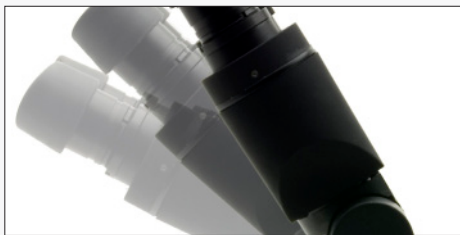
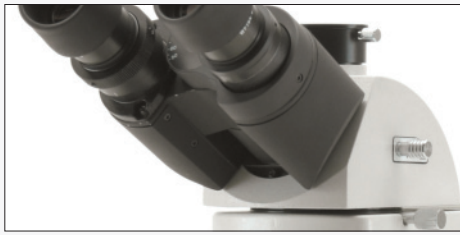
B-500Tpl

infinifix™
optical system
X-LED™



B-500iERGO

IOS™
Objectives
X-LED™

B-500 SERIES - Accessories

- M-625 EWF10x/22mm eyepiece
- M-601 WF15x/16mm eyepiece
- M-602 Micrometer eyepiece EWF10x/22mm
- M-005 26x76 mm micrometric slide. Range 1 mm, div. 0,01 mm
- M-501 4x s-plan achromatic objective
- M-502 10x s-plan achromatic objective
- M-503 20x s-plan achromatic objective
- M-504 40x s-plan achromatic objective
- M-505 60x s-plan achromatic objective
- M-506 100x s-plan achromatic objective
- M-507 4x plan achromatic objective
- M-508 10x plan achromatic objective
- M-509 20x plan achromatic objective
- M-510 40x plan achromatic objective
- M-511 60x plan achromatic objective
- M-512 100x plan achromatic objective
- M-608 4x IOS plan achromatic objective
- M-609 10x IOS plan achromatic objective
- M-610 20x IOS plan achromatic objective
- M-611 40x IOS plan achromatic objective
- M-612 100x IOS plan achromatic objective
- M-630 10x plan achromatic objective for phase contrast
- M-631 20x plan achromatic objective for phase contrast
- M-632 40x plan achromatic objective for phase contrast
- M-633 100x plan achromatic objective for phase contrast
- M-760 10x IOS plan achromatic objective for phase contrast
- M-761 20x IOS plan achromatic objective for phase contrast
- M-762 40x IOS plan achromatic objective for phase contrast
- M-763 100x IOS plan achromatic objective for phase contrast
- M-513 Polarising set (filters only)
- M-516 Rotating table for polarising set
- M-618 Darkfield condenser for dry objectives
- M-616 Complete phase contrast set with plan obj. 10x, 20x, 40x, 100x
- M-617 Complete phase contrast set with plan IOS obj. 10x, 20x, 40x, 100x
- M-616.1 Single phase contrast set 40x, plan objective
- M-616.2 Single phase contrast set 40x, IOS plan objective
- M-666 Heating stage, with digital temperature controller
- M-619 Photo tube adapter for SRL cameras
- M-699 Photo tube adapter for DIGI digital camera series
- M-620 CCD camera adapter for 1/3" sensors
- M-620.1 CCD camera adapter for 1/2" sensors
- M-515 12V/20W halogen bulb, with dichroic mirror
- M-034 Dust cover type 5
- M-975 Blue filter, 45 mm diameter
- M-977 Green filter, 45 mm diameter
- M-979 Yellow filter, 45 mm diameter
- M-989 Frosted glass filter, 45 mm diameter
- M-690 Eyecup (pair)



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